

DRAWING NO. 4 A.

DIMENSIONS OF VESSEL ~ 185'-0" B.P. x 32'-0" x 16'-6"

DATE APPROVED BY LLOYDS : 30-10-57

COOK, WELTON & GEMMELL LTD.,  
SHIPBUILDERS, GROVEHILL,  
BEVERLEY, E. YORKS.

GREEN INDICATES AS FITTED

NUMERALS FOR RUDDER

TOTAL AREA (ABAFT FORE EDGE OF MAIN PIECE) 6047  
C.G OF PORTION ABAFT CR OF PINTLES 3/16  
A X D = 19/08 SPEED 12-14 KNOTS  
RUDDER TO SWING OVER TO 35° EACH SIDE OF CL

METHOD OF FITTING TUBE  
FOR LIFTING BOLTS

PLAN AT TOP OF RUDDER

VERTICAL SCARFED COUPLING  
G - 2 3/8" DIA. FITTED COUPLING  
BOLTS WITH CHECK NUTS & PIN

FORE EDGE OF RUDDER FORGINGS  
KEPT BACK CLEAR OF GUDGEONS  
& DEEP ENOUGH TO ALLOW FOR  
LIFT WHEN UNSHIPING

8' DIA. RUDDER STOCK

36" TOP FILLING PLATES  
WELDED IN

DETAIL OF PINTLES

TOP PINTLE

SECTION AT ARM

SECTION AT MID HEIGHT

SECTION AT BOTTOM ARM

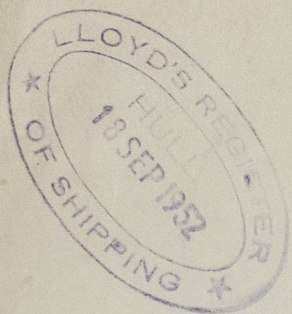
OFFSETS FOR HALF SECTION OF RUDDER  
DIMENSIONS TO OUTSIDE OF PLATE.

SCALE :  $1\frac{1}{2}" = 1$  FOOT

MIDDLE      PINTLE

BOTTOM PINTLE






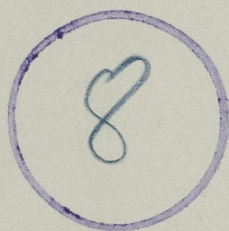
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St Celestin   
Hydrograph patent rudder  
(as fitted)

RECORDS DEPT  
LONDON



RETAIN

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